

Abstract

It is an object of the invention is to provide a method and a apparatus for adjusting suction of a cutting machine capable of cutting even an elastic sheet material in an appropriate compression state by suppressing fluctuation in the degree of compression of the sheet material. A set value of a suction pressure is set such that an absolute value of the suction pressure, which is a negative pressure lower than the atmospheric pressure, becomes larger as a numerical value thereof becomes larger. For one-piece cutting as shown in Fig. 1B, the set value of the suction pressure is increased since the cutting distance of an already-cut portion is increased as cutting progresses. For stacked cutting as shown in Fig. 1A, though the set value of the suction pressure is increased before parts (1a, 1b, 1c, 1d, 1e, 1f) are cut, when the cutting is moved from the part (1f) to a part (1g), the cutting distance of the already-cut portion where air leaks is reduced since the parts (1a, 1b, 1c) are covered by a sealing sheet, and the set value of the suction pressure is lowered.